

AI-900^{Q&As}

Microsoft Azure AI Fundamentals

Pass Microsoft AI-900 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass2lead.com/ai-900.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



QUESTION 1

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

| Statements | Yes | No |
|--|--------------------------|--------------------------|
| The Language service can identify in which language text is written. | <input type="checkbox"/> | <input type="checkbox"/> |
| The Language service can detect handwritten signatures in a document. | <input type="checkbox"/> | <input type="checkbox"/> |
| The Language service can identify companies and organizations mentioned in a document. | <input type="checkbox"/> | <input type="checkbox"/> |

Correct Answer:

Answer Area

| Statements | Yes | No |
|--|-------------------------------------|-------------------------------------|
| The Language service can identify in which language text is written. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| The Language service can detect handwritten signatures in a document. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The Language service can identify companies and organizations mentioned in a document. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Box 1: Yes

Azure Cognitive Service for Language provides features including:

* Language detection: This pre-configured feature evaluates text, and determines the language it was written in. It returns a language identifier and a score that indicates the strength of the analysis.

Box 2: No

Handwritten detection is part of OCR (Optical Character Recognition).

Box 3: Yes

Azure Cognitive Service for Language provides features including:

* Named Entity Recognition (NER): This pre-configured feature identifies entities in text across several pre-defined categories.

Note: Named entity recognition is a natural language processing technique that can automatically scan entire articles and pull out some fundamental entities in a text and classify them into predefined categories. Entities may be,

Organizations, Quantities, Monetary values, Percentages, and more. People's names Company names Geographic locations (Both physical and political) Product names Dates and times Amounts of money Names of events

Reference: <https://docs.microsoft.com/en-us/azure/cognitive-services/language-service/overview>

QUESTION 2

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

| | |
|----------------|---|
| | ▼ |
| Classification | |
| Clustering | |
| Regression | |

models can be used to predict the sale price of auctioned items.

Correct Answer:

Answer Area

| | |
|----------------|---|
| | ▼ |
| Classification | |
| Clustering | |
| Regression | |

models can be used to predict the sale price of auctioned items.

Regression is a machine learning task that is used to predict the value of the label from a set of related features.

Reference: <https://docs.microsoft.com/en-us/dotnet/machine-learning/resources/tasks>

QUESTION 3

What is a use case for classification?

- A. predicting how many cups of coffee a person will drink based on how many hours the person slept the previous night.
- B. analyzing the contents of images and grouping images that have similar colors
- C. predicting whether someone uses a bicycle to travel to work based on the distance from home to work
- D. predicting how many minutes it will take someone to run a race based on past race times

Correct Answer: C

Classification is a machine learning method that uses data to determine the category, type, or class of an item or row of data.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/algorithm-module-reference/linear-regression>

<https://docs.microsoft.com/en-us/azure/machine-learning/studio-module-reference/machine-learning-initialize-model-clustering>

QUESTION 4

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

The interactive answering of questions entered by a user as part of an application is an example of

| |
|------------------------------|
| anomaly detection. |
| computer vision. |
| natural language processing. |
| forecasting. |

Correct Answer:

The interactive answering of questions entered by a user as part of an application is an example of

| |
|------------------------------|
| anomaly detection. |
| computer vision. |
| natural language processing. |
| forecasting. |

QUESTION 5

Your company is exploring the use of voice recognition technologies in its smart home devices. The company wants to identify any barriers that might unintentionally leave out specific user groups. This an example of which Microsoft guiding principle for responsible AI?

- A. accountability
- B. fairness
- C. inclusiveness
- D. privacy and security

Correct Answer: C

Reference:

<https://docs.microsoft.com/en-us/learn/modules/responsible-ai-principles/4-guiding-principles>

AI systems should empower everyone and engage people. AI should bring benefits to all parts of society, regardless of physical ability, gender, sexual orientation, ethnicity, or other factors.

<https://docs.microsoft.com/en-us/learn/modules/get-started-ai-fundamentals/7-understand-responsible-ai>

[Latest AI-900 Dumps](#)

[AI-900 Study Guide](#)

[AI-900 Braindumps](#)